

Ordering information

AG	U	4	P	GR	DS	1	28	UNV	PG	
Family	Type	Luminaire Length	Mounting	Housing Finish	Wiring	Lamp Qty in a cross section	Lamp	Voltage	Ballast	Options
AG: Agili-T	U: Indirect with Upper Compartment	4: 4' 8: 8'	P: Pendant (Compatible with Wall & Furniture Mounting Systems)	GR: Titanium WH: White	DS: Double-circuit DN: Double-circuit Network-Ready DI: Single-feed Double-circuit Network DG: Group-feed Double-circuit Network	1	28: 28W T5 54: 54W T5HO	120: 120V 277: 277V 347: 347V UNV: Universal Voltage 120/277V	DW: iGEN DALI Addressable T5/T5HO with Network-2 MultiSense Integral Motion Sensor (120 or 277V only) DA: iGEN DALI Addressable T5/T5HO (UNV only) PG: Electronic Program Start T5/T5HO	

Note : Luminaire comes without end-caps

Features

- Indirect, 91% efficient using T5 lamp technology (1xT5T5).
- Ultra-Light construction (4' luminaire less than 12 lb / 5.5 kg) favors mobility, adds installation and remodeling convenience.
- Wide indirect distribution for uniform ceiling luminance.
- Trouble-free luminaire-to-luminaire connectability and luminaire-to-end-cap installation.
- Special die-cast aluminum joining mechanism (patent # 6,769,784) providing continuous trouble-free, simultaneous mechanical and electrical connections (plus network connections on Agili-T Network version), as well as no-hassle end-cap installation.
- Built-in network connectors and wiring (Agili-T Network).

Construction

- One-piece aluminum extrusion
- Highly resistant composite plastic end-cap
- Optic made of highly reflective matte aluminum

Electrical

- AGU with PG ballast code comes with one 2-lamp ballast per 8' of luminaire.
- Standard product offering (DS and DN version, 120V and 277V only) includes continuous 2-circuit wiring, one circuit for the upper compartment (if applicable) and one circuit for the lower compartment (if applicable). Single and double compartment luminaires can be mixed.
- DA and DW available with Agili-T Network only.
- Integrated quick connectors for power and network cable (Agili-T Network only) and auto plug-in connections between luminaires.
- 18-gauge wire, maximum 10A per circuit.

Mounting

- Suspension points on module: every 4' (4' luminaire) or every 8' (8' luminaire).
- Fast installation using mounting clip for Standard T-bar and Slim T-bar or for Slot T-bar (see next page).

Finish

- Seamless color and texture finish between luminaire and end-caps.
- Available with textured (white or titanium) high resistant powder-based coating.

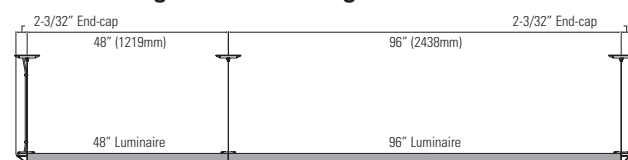
Options and accessories

- Emergency circuiting

Labels



Fixture lengths & mounting locations



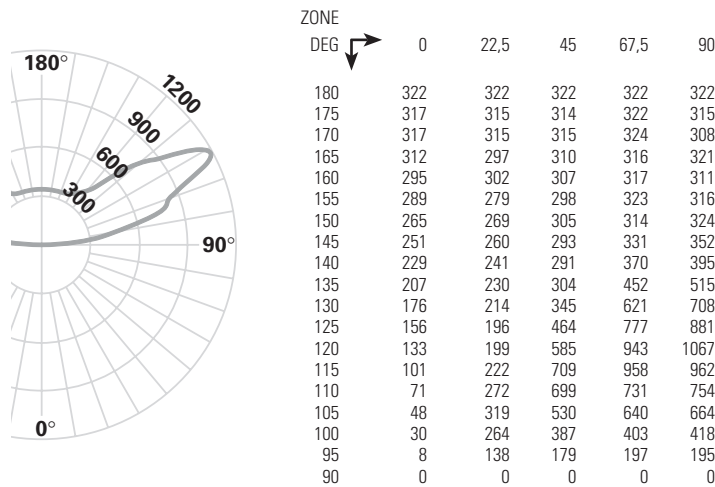
Pendants measure exactly 48" or 96" (plus end-caps) to facilitate installation.

- ** If electrical junction box is needed to connect emergency wiring, order AGEb, AGEs or AGEo.
- *** 18-gauge wire. Maximum of 10A per breaker. 2 circuits using 2 breakers with common neutral.
- ▼ For maximum flexibility, DS & DN wiring options include continuous 2-circuit wiring: one circuit for upper compartment, one circuit for lower compartment (single and double compartment luminaires can be mixed).
- End-cap Row Joiners:
L: Order 1 Power Feed Suspension Kit and 1 Suspension Kit per luminaire + 1,
T: Order 2 Power Feed Suspension Kit and 1 Suspension Kit per luminaire + 1,
X: Order 2 Power Feed Suspension Kit and 1 Suspension Kit per luminaire + 2
- † Listed as a standard electrical box for through-branch wiring.
- †† Consult your Lightolier representative for other adapter shapes.

Job Information	Type:
Job Name:	
Cat. No.:	
Lamp(s):	
Notes:	

Performance

CANDLEPOWER CURVE



REPORT NO: LSC8531
CAT. NO: AGU4PGRDS128UNVPG
1 x 28W T5 at 2610 lumens. Efficiency: 90.8%
Maximum candela: 1067 cd. Peak at: 120°

COEFFICIENTS OF UTILIZATION

ZONAL CAVITY METHOD • EFFECTIVE FLOOR CAVITY REFLECTANCE = .20												
	80				70				50			
	Wall reflectance											
	70	50	30	70	70	50	30	10	50	30	10	
ROOM CAVITY RATIO	0	.86	.86	.86	.86	.74	.74	.74	.74	.50	.50	.50
	1	.79	.75	.72	.69	.67	.64	.62	.58	.44	.42	.41
	2	.71	.65	.60	.56	.61	.56	.52	.48	.38	.36	.34
	3	.65	.57	.51	.47	.55	.49	.44	.40	.34	.31	.28
	4	.59	.50	.44	.39	.50	.43	.38	.34	.30	.26	.24
	5	.54	.44	.38	.33	.46	.38	.33	.29	.26	.23	.20
	6	.50	.40	.33	.28	.42	.34	.29	.25	.24	.20	.17
	7	.46	.36	.29	.24	.39	.31	.25	.21	.21	.18	.15
	8	.42	.32	.25	.21	.36	.27	.22	.18	.19	.16	.13
	9	.39	.29	.23	.18	.33	.25	.20	.16	.17	.14	.11
10	.36	.26	.20	.16	.31	.23	.18	.14	.16	.12	.10	
DETERMINED IN ACCORDANCE WITH CURRENT IES PUBLISHED PROCEDURES												
LUMINAIRE INPUT WATTS = 31.8												

DISTRIBUTION

ZONE	LUMENS	%LAMP	% LUMINAIRE
180-150	258	9.90	10.91
180-140	445	17.07	18.79
180-120	1154	44.22	48.69
180-90	2370	90.82	100.00
140-90	1925	73.76	81.21
120-90	1216	46.60	51.31
0-90	0	.00	.00
0-180	2370	90.82	100.00

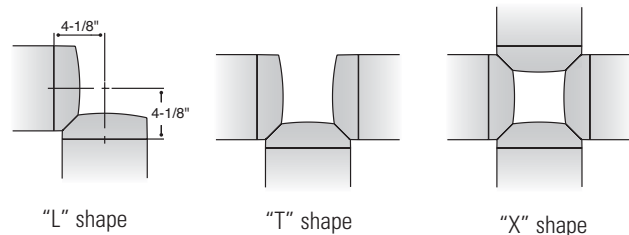
Agili-T Accessories

Suspension Kit (Patent # 6,634,772)

AG	AC	24	X	G
Family	Type	Suspension Length	End-cap Color	Canopy Color
AG: Agili-T	AC: Aircraft cable, canopy and joiner mechanism	24: Adjustable 6-24" 36: Adjustable 6-36"	X: N/A	G: Titanium W: White

End-cap Row Joiners (Patent # 6,568,830)

AG	CG	L	DS
Family	Type	Shape	Wiring†
AG: Agili-T	CG: Titanium CW: White	L: 90° "L" shape, 2 rows T: "T" shape, 3 rows X: "X" shape, 4 rows	DS: Double-circuit DN: Double-circuit Network



Ordering instructions

- Choose Agili-T luminaire.
- Choose Power Feed Suspension Kit. One Kit per individual luminaire or one per row at row extremity (18-gauge wire feed, maximum of 10A per circuit).
- Choose Suspension Kit. One per luminaire.
- Choose Mounting Elements. One per Suspension Kit.
- Choose Mounting Elements With Junction Box. One per Power Feed Suspension Kit, as needed.

Power Feed Suspension Kit* (Patent # 6,634,772)

AG	EC	24	G	G	UNV	DS
Family	Type	Suspension Length	End-cap Color	Canopy Color	Voltage	Wiring†
AG: Agili-T	EC: End-caps (2), aircraft cable, canopy, joiner mechanism	24: Adjustable 6-24" 36: Adjustable 6-36"	G: Titanium W: White	G: Titanium W: White	347: 347V Cable UNV: 120/277V	DS: Double-circuit DN: Double-circuit Network-Ready

Mounting Elements (T-bar Clip Patent # 6,637,710)

AGTB	One-piece T-bar wraparound clip for standard T or narrow T
AGSB	One-piece T-bar wraparound clip for slot T (consult your Lightolier representative for availability)
AGOG	Off-grid holding bar
AGEB†	One-piece T-bar wraparound clip for standard T or narrow T with integrated easy-access Lightolier electrical box
AGES†	One-piece T-bar wraparound clip for slot T with integrated easy-access Lightolier electrical box (consult your Lightolier representative for availability)
AGE†	Off-grid holding bar with integrated easy-access Lightolier electrical box

Job Information

Type: